

## INTERNATIONAL SEARCH REPORT

PCT/GB2004/000204

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 E06B1/60

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 E06B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 719 953 A (RATHSACK, WOLFGANG) 3 July 1996 (1996-07-03) column 2, line 43 - column 3, line 7 figures	1-12, 15, 18-21
X	US 6 159 575 A (RATHSACK ET AL) 12 December 2000 (2000-12-12) column 3, line 66 - column 6, line 10 figures	1-12, 15, 16, 18-21
A	US 5 624 724 A (RELLY ET AL) 29 April 1997 (1997-04-29) column 3, line 15 - line 25 figures	13, 14
	----- -/-- -----	

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- \*&\* document member of the same patent family

Date of the actual completion of the international search

28 July 2005

Date of mailing of the international search report

04/08/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Verdonck, B

# INTERNATIONAL SEARCH REPORT

PCT/GB2004/000204

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 844 344 A (KNUDSEN KILEN A/S) 27 May 1998 (1998-05-27) column 1, line 53 - line 58 figures	16,17
X	US 5 953 862 A (EARHART ET AL) 21 September 1999 (1999-09-21) column 3, line 7 - line 10 column 6, line 31 - line 44	19

## INTERNATIONAL SEARCH REPORT

PCT/GB2004/000204

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0719953	A	03-07-1996	DE 9420958 U1	30-03-1995
			DE 29507600 U1	27-07-1995
			AT 201484 T	15-06-2001
			DE 59509285 D1	28-06-2001
			DK 719953 T3	06-08-2001
			EP 0719953 A2	03-07-1996
US 6159575	A	12-12-2000	DE 29702718 U1	24-04-1997
			AT 246773 T	15-08-2003
			CA 2251012 A1	13-08-1998
			WO 9835164 A1	13-08-1998
			DE 59809182 D1	11-09-2003
			DK 891495 T3	24-11-2003
			EP 0891495 A1	20-01-1999
US 5624724	A	29-04-1997	NONE	
EP 0844344	A	27-05-1998	EP 0844344 A1	27-05-1998
US 5953862	A	21-09-1999	US 6155004 A	05-12-2000
			AU 685665 B2	22-01-1998
			AU 3271595 A	04-03-1996
			CA 2196757 A1	15-02-1996
			DE 69526506 D1	29-05-2002
			DE 69526506 T2	02-10-2002
			EP 0774029 A1	21-05-1997
			WO 9604434 A1	15-02-1996